



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: HIGH-FREQUENCY POWER SUPPLY FOR INCANDESCENT LAMP
Inventor: OLE K. NILSEN
Serial No: 07/741,575
Filed: 08/07/91
Group Art Unit: 2502
Examiner: PASCAL, R.
Applicant's Phone Number: 708-658-5615

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JH
4-23-92

AMENDMENT A

I, OLE K. NILSEN, HEREWITNESS
CERTIFY THAT THE DATE OF
DEPOSIT WITH THE U.S. POSTAL
SERVICE OF THIS PAPER OR FEE
IS: 4-19-92

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Applicant provides instant Amendment in response to Office
Action dated 03/23/92.

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GROUP 250

IN THE CLAIMS

Claim 1 is amended as follows.

1. (Amended) An arrangement comprising:
a source providing a[n] relatively low-frequency AC
power line voltage at a pair of power line terminals;
an incandescent lamp having a pair of lamp terminals; and
a power supply connected between the power line terminals and the lamp terminals; the power supply being operative to
provide a[n] relatively high-frequency AC lamp voltage across
the lamp terminals; the AC lamp voltage having: (i) a fundamental
frequency at least twenty times higher than that of the AC power
line voltage; (ii) numerous complete relatively short half-
cycles during each complete relatively long half-cycle of the
AC power line voltage, with each of the numerous complete
relatively short half-cycles having a peak magnitude; and (iii)
the absolute value of the peak magnitude of the numerous complete
relatively short half-cycles varying in time such as to be
proportional to the absolute value of the instantaneous peak
magnitude of the AC power line voltage, at [leadt] least
during a substantial portion of each relatively long half-cycle
of the AC power line voltage.